

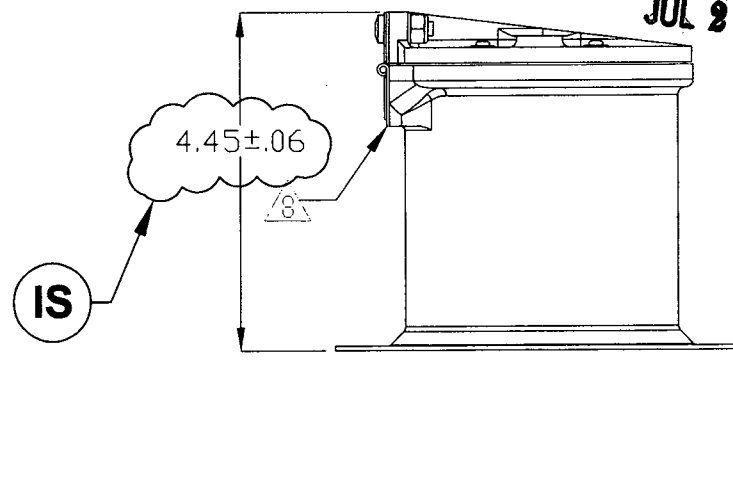
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03591				SHEET 1 OF 2	
	DWG NO. 649.6000	REV: N/C	PREPARED BY J. GARDINER	DATE: 07/24/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: ADAPTER, FUEL, ANTI SIPHONING					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>		EFF: CURRENT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED NOTES, REVISED F/N'S 2 AND 5 AND REVISED FLAPPER.				

**CONTROL COPY
ISSUED DATE**

JUL 26 2012

NOTES:

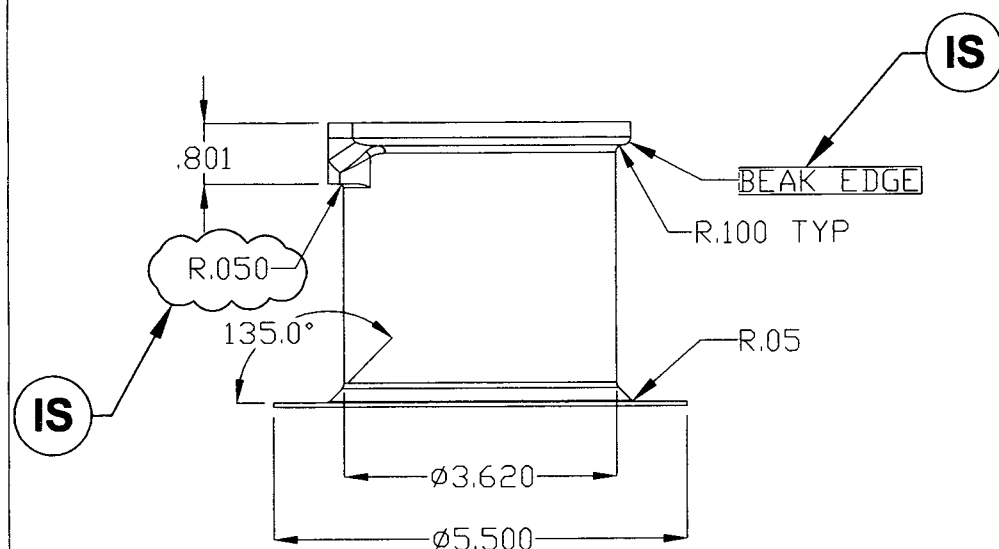
- △ MATERIAL: 303 SS IAW AMS-5640.
- △ MATERIAL: NYLON 6/6 BLACK IAW MIL-P-2093B OR L-P-410.
- △ MATERIAL: PRO-SEAL 890 CLASS B TYPE II.
- 4. IDENTIFY IAW MPP-120.
- 5. COAT F/N 5 WITH F/N 9 DURING INSTALLATION.
- △ APPLY O-RING LUBE F/N 11 ON F/N 2 DURING ASSEMBLY.
- 7. ~~DEBUR ALL SHARP EDGES~~
- △ WELD IAW MIL-STD-2219 CLASS C, TIG WELD WITH FILLER ROD.



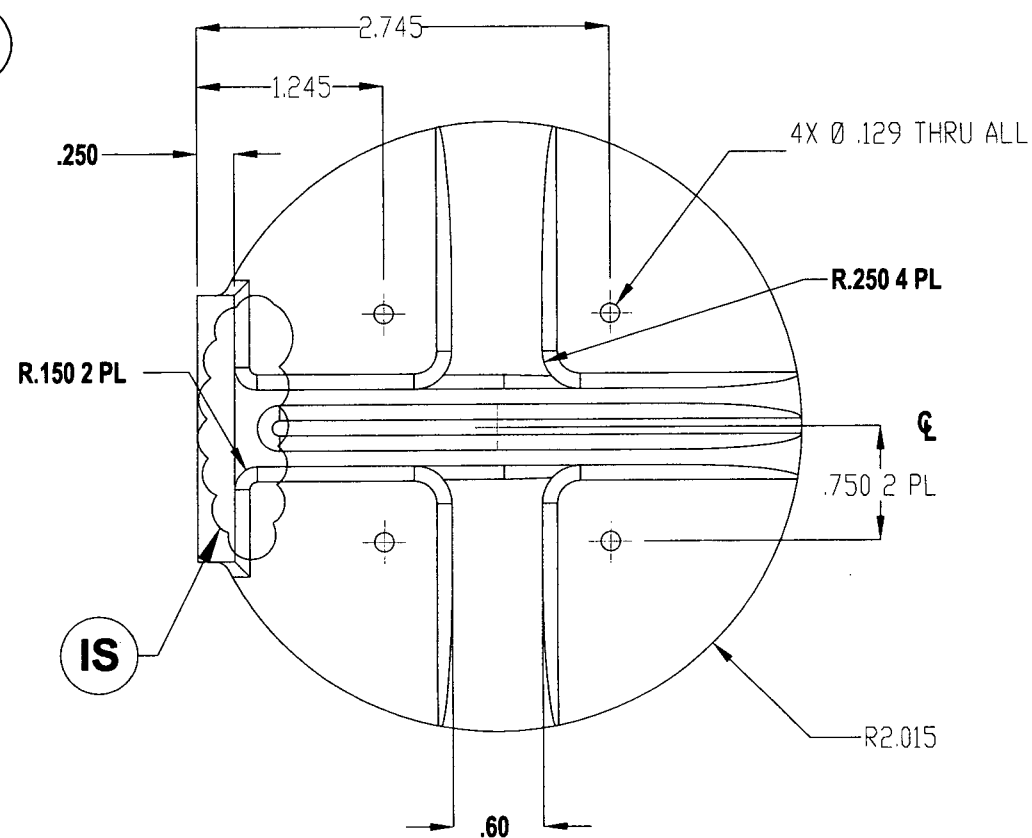
SHEET 1, ZONE B1 IS:

SHEET 2, ZONE C2 IS:

5	R	601.3568		4	RIVET	MS20613-4C7	
2	R	601.3509		1	O-RING	AS568A-339	
F/N	TC	PART NUMBER	QTY	6001	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY		DER REVIEW REQUIRED
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM					<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



SHEET 3, ZONE C2 IS:



SHEET 5, ZONE B2 IS:

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03510

SHEET 1 OF 2

DWG NO. 649.6000

REV: N/C

PREPARED
BY

J. GARDINER

DATE: 05/09/12

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: ADAPTER, FUEL, ANTI SIPHONING

APPROVED BY:

ENGR

[Signature]

MFG

[Signature]

QC

[Signature]

EFF:

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: REVISED NOTES, DETAIL C AND P/N ON SHEET 6.

CONTROL COPY ISSUED DATE

MAY 17 2012

NOTES:

1 MATERIAL: 303 SS IAW AMS-5640.

2 MATERIAL: NYLON 6/6 BLACK IAW
MIL-P-2093B OR L-P-410.

3 MATERIAL: PRO-SEAL 890 CLASS B TYPE II.

4. IDENTIFY IAW MPP-120.

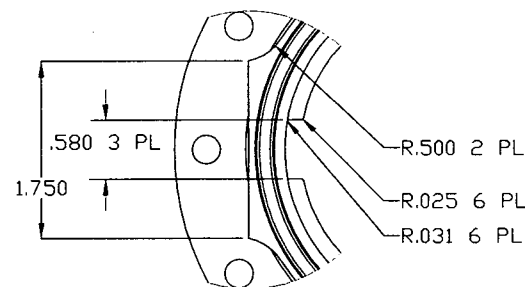
5. COAT F/N 5 WITH F/N 9 DURING INSTALLATION.

6 APPLY O-RING LUBE F/N 11 ON F/N 2 DURING ASSEMBLY.

7. DEBURR ALL SHARP EDGES.

8 TIG WELD WITH FILLER ROD.

IS



DETAIL C $\frac{3}{8}$

SHEET 1, ZONE B1 IS:

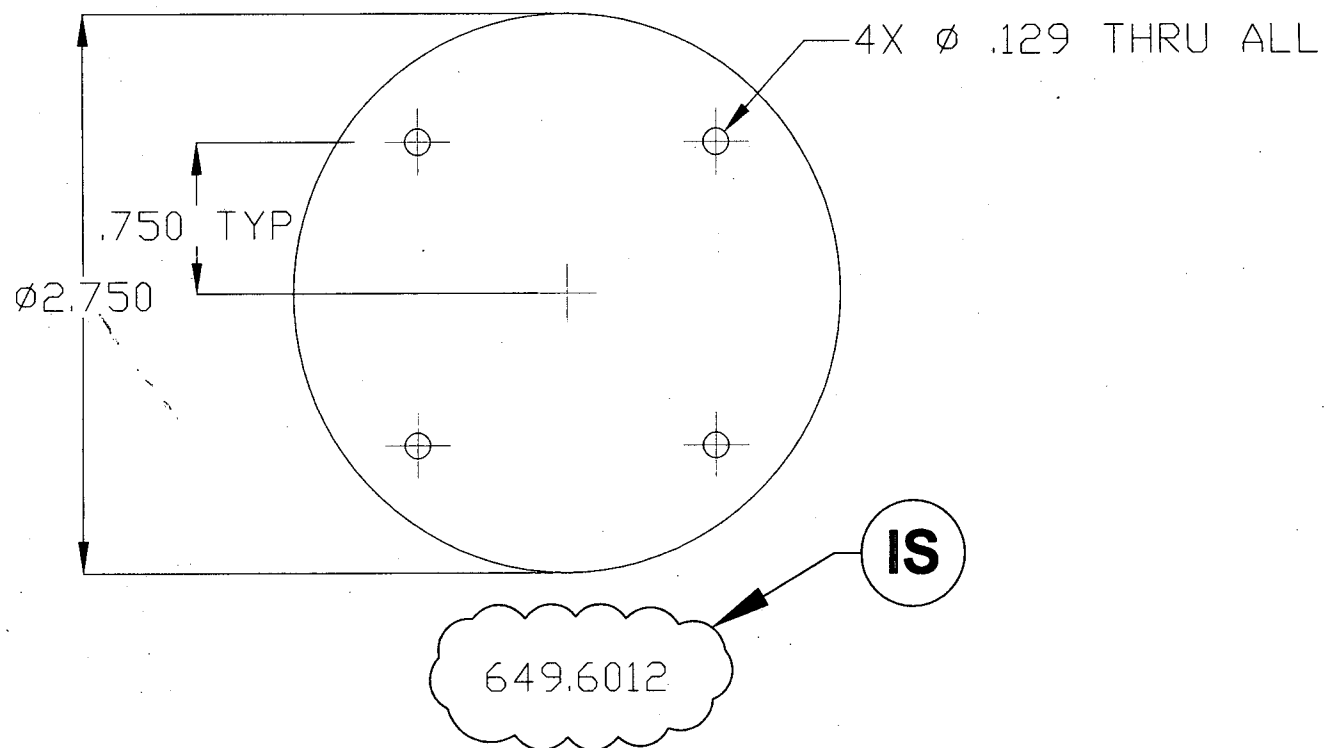
SHEET 4, ZONE A2 IS:

DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRU ☐ ICA ☐ BOM

CHANGE CATEGORY
☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED
☐ YES ☒ NO



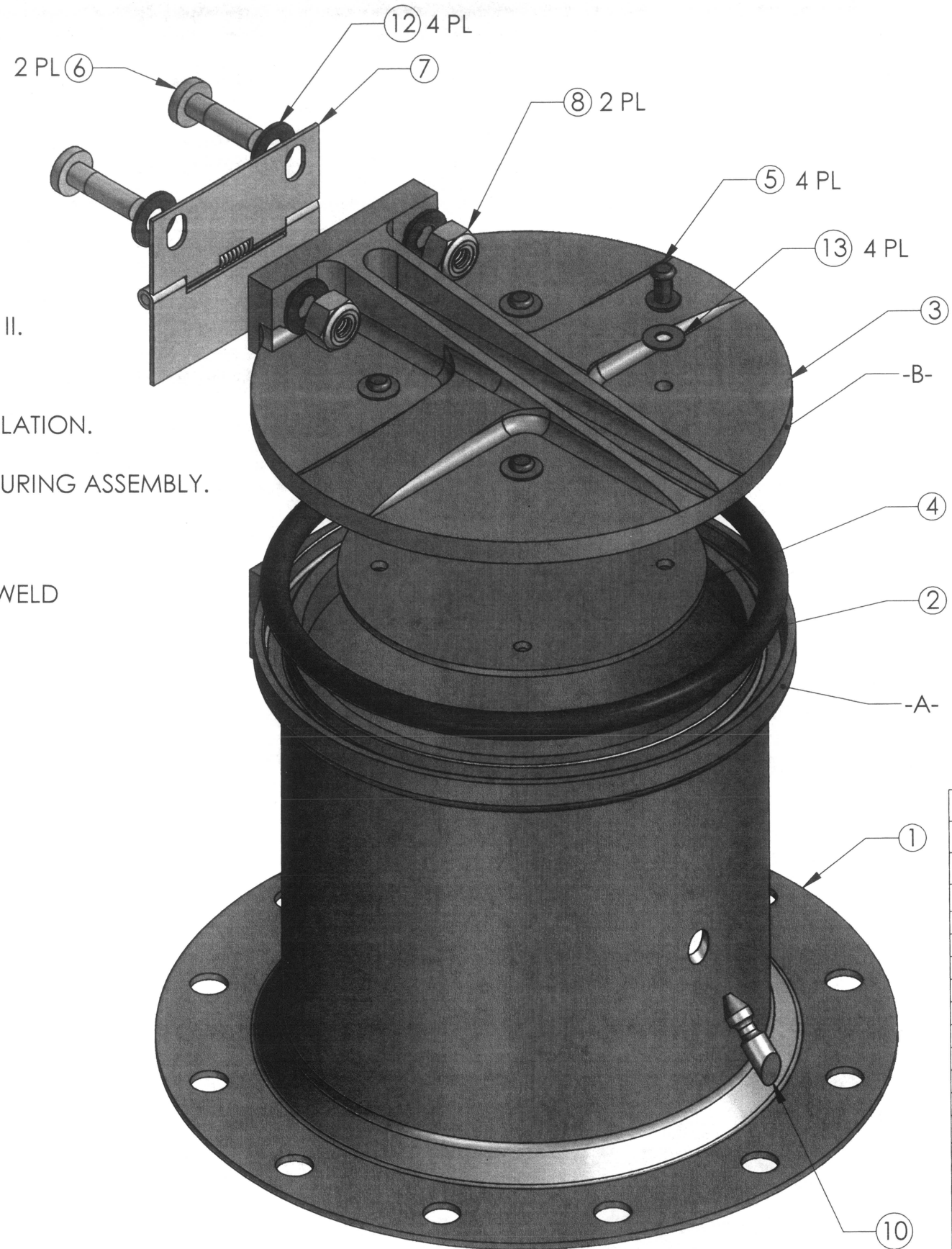
SHEET 6, ZONE D2 IS:

1 2 3 4 5 6 7 8

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NOTES:

- 1 MATERIAL: 303 SS IAW AMS-5640.
- 2 MATERIAL: NYLON 6/6 BLACK IAW MIL-P-2093B TYPE II.
- 3 MATERIAL: PRO-SEAL 890 CLASS B TYPE II.
4. IDENTIFY IAW MPP-120.
5. COAT F/N 5 WITH F/N 9 DURING INSTALLATION.
- 6 APPLY O-RING LUBE F/N 11 ON F/N 2 DURING ASSEMBLY.
7. DEBURR ALL SHARP EDGES.
- 8 WELD IAW MIL-STD-2219 CLASS C, TIG WELD WITH FILLER ROD.



649.6001






REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE	03/28/12	P. BRAVO

UNINCORPORATED ECN(s)

03510, 03591

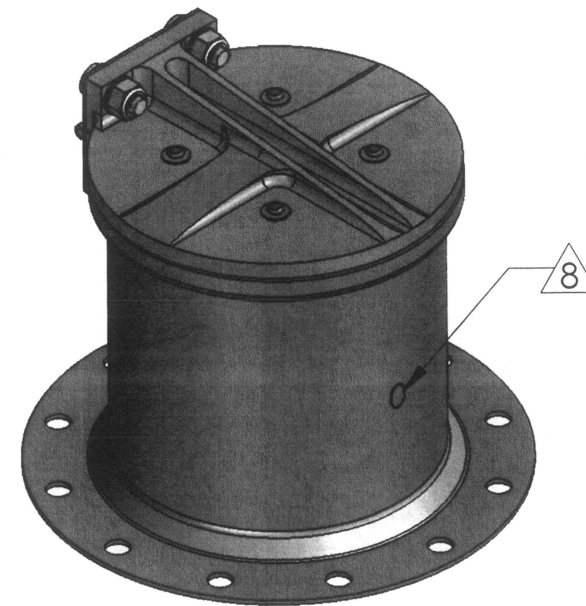
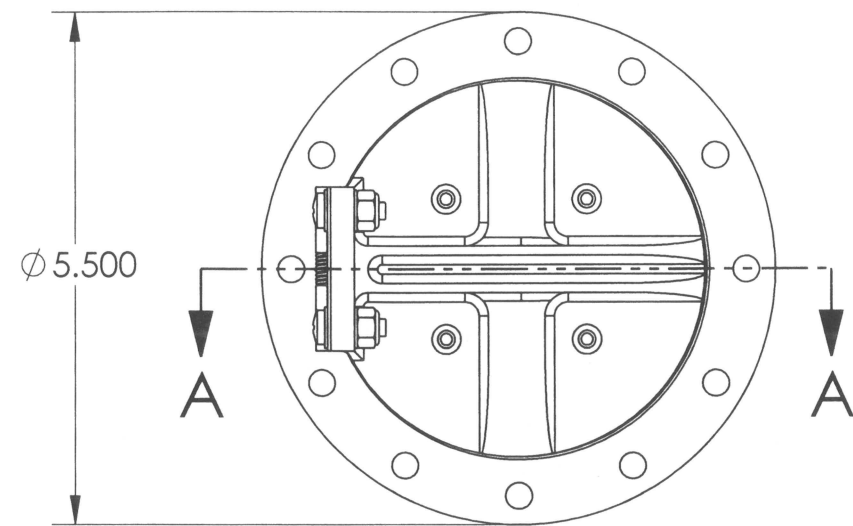
©	A	B	.005
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CONTROL COPY
ISSUED DATE
APR 23 2012

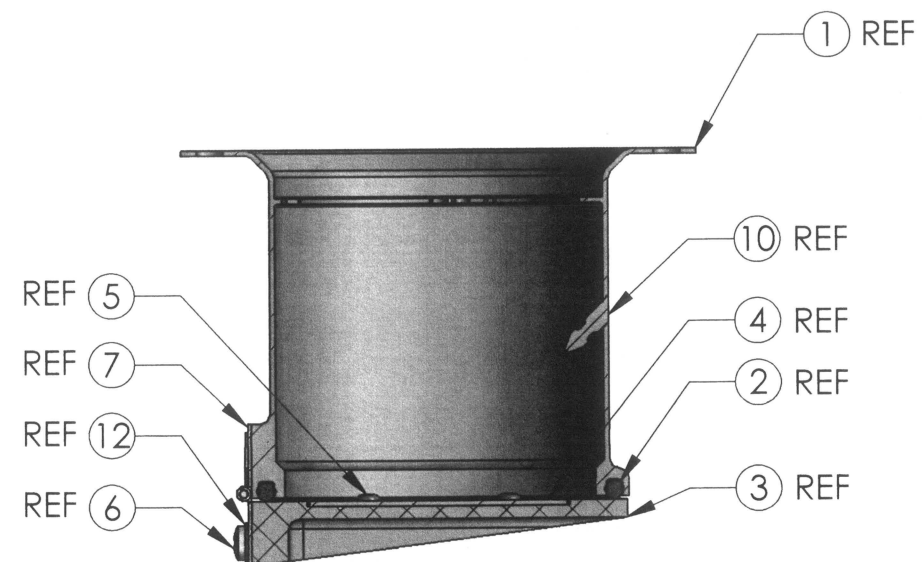
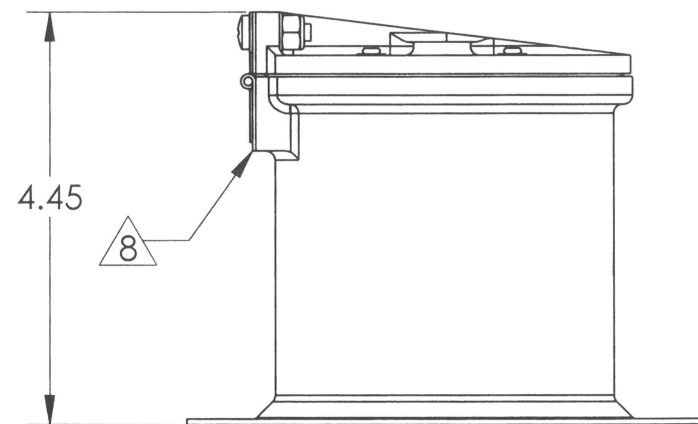
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		4	12	601.2421	WASHER	NAS1149C0332R	
		A/R	11	601.2550	O-RING LUBRICANTS	DOW CORNING 55#	
		1	10	649.6013	LANYARD TAB		
		A/R	9	600.1022	PRO-SEAL 890		
		2	8	600.0733	LOCK NUT	MS21044C3	
		1	7	649.8101	HINGE		
		2	6	601.3531	SCREW	MS27039C1-10	
		4	5	601.3532	RIVET	MS20613C4-7	
		1	4	649.6012	GUARD		
		1	3	649.6011	FLAPPER		
		1	2	601.3509	O-RING	AS568A-341	
		1	1	649.6010	ADAPTER/HOUSIING		
		X		649.6001	ADAPTER, FUEL, ANTI SIPHONING		
		6001	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST					
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 03-28-12		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
		DRAWN BY J. GARDINER					
41228-200-006		DRAWING APPROVAL P. BRAVO 03-28-12		ADAPTER, FUEL, ANTI SIPHONING			
		CONTRACT No.					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°					

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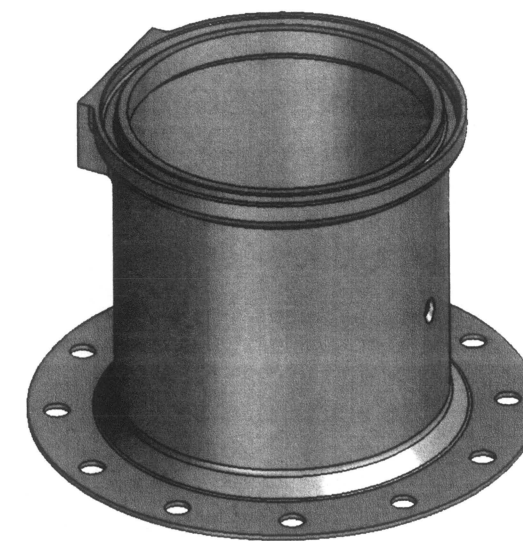
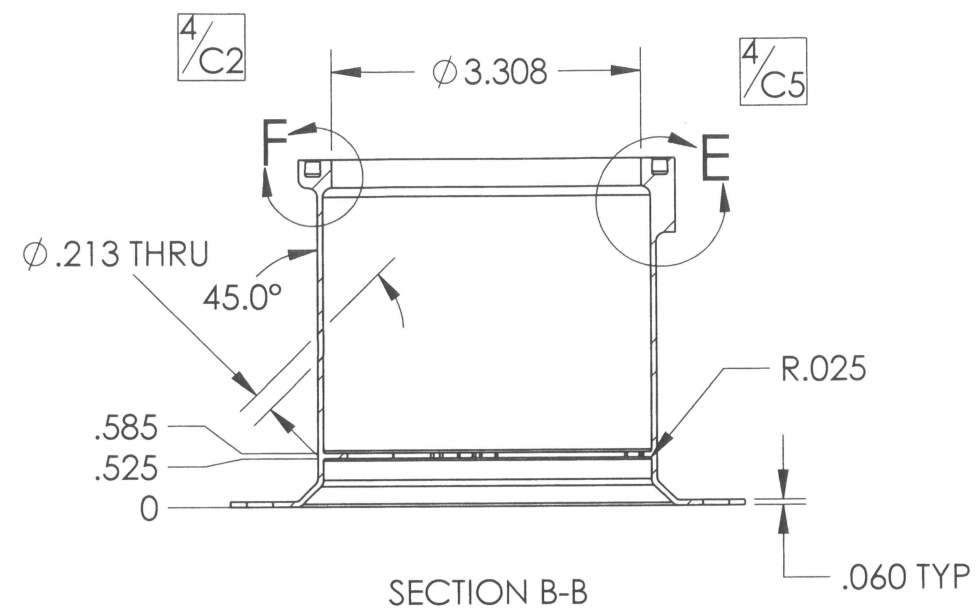
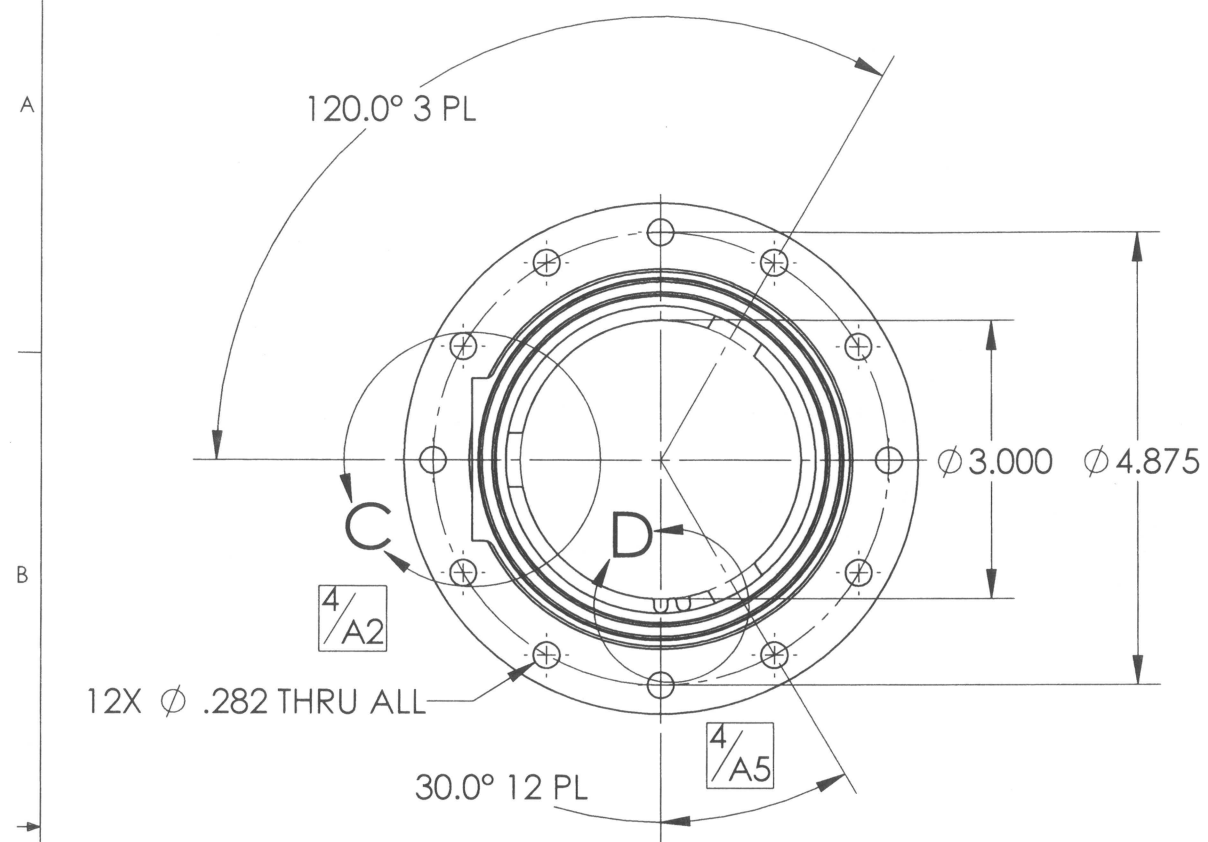
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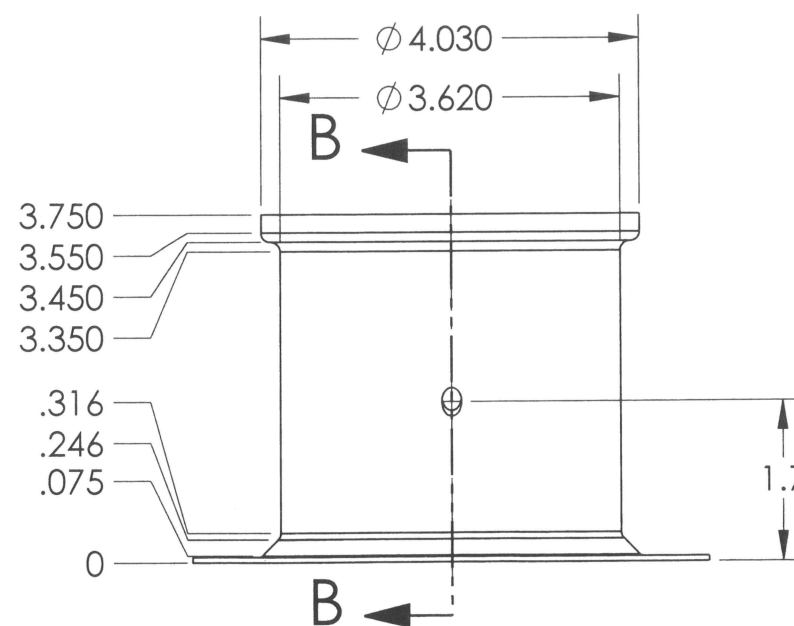
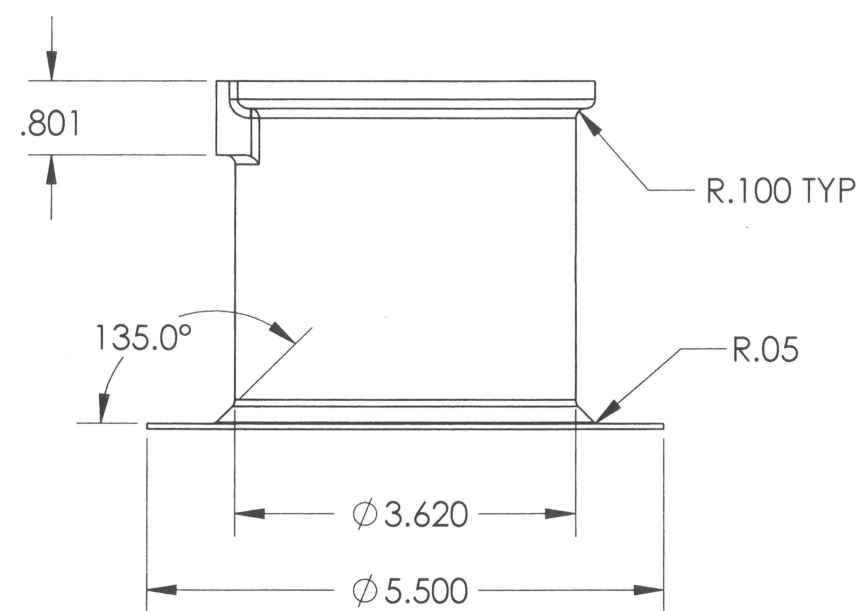
SECTION A-A

QTY		PARTS LIST			
NEXT ASSY (S)	41228-200-006	ORIGINAL DATE (MO-DA-YR)	03-28-12		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300
		DRAWN BY	CHECKER		
		J. GARDINER	P. BRAVO		
		DRAWING APPROVAL P. BRAVO 03-28-12	CONTRACT No.		
		ADAPTER, FUEL, ANTI SIPHONING			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	649.6000	N/C
		SCALE NONE			SHEET 2 OF 7

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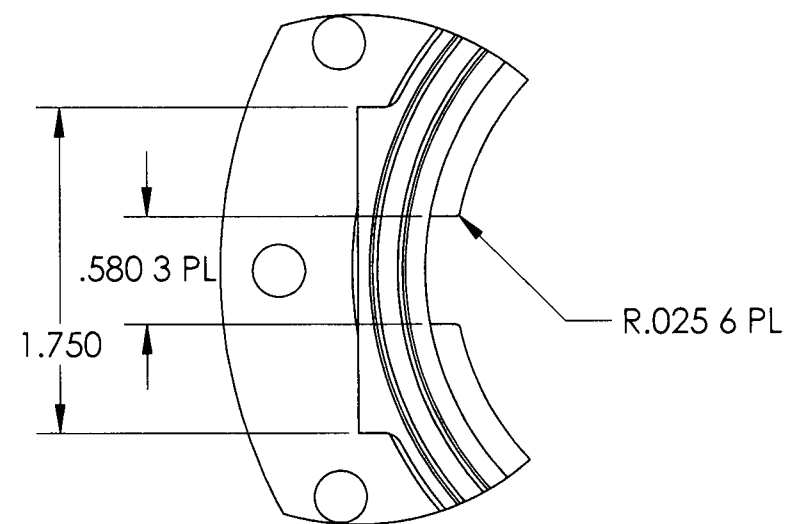


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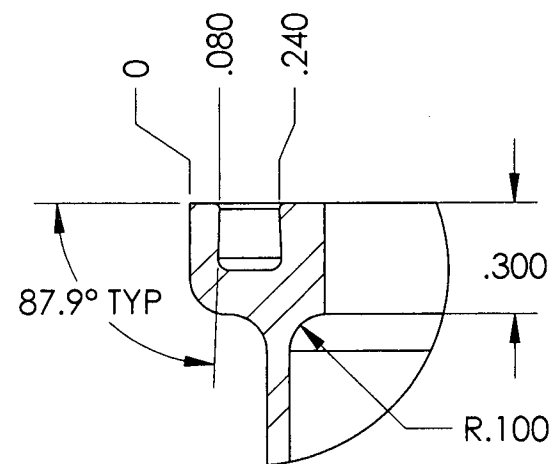


ORIGINAL DATE (MO-DA-YR) 03-28-12		APICAL INDUSTRIES	
DRAWN BY J. GARDINER	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 03-28-12		ADAPTER, FUEL, ANTI SIPHONING	
CONTRACT No.		SIZE B	REV. N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		CAGE CODE 07MZ6	DWG. NO. 649.6000
		SCALE NONE	SHEET 3 OF 7

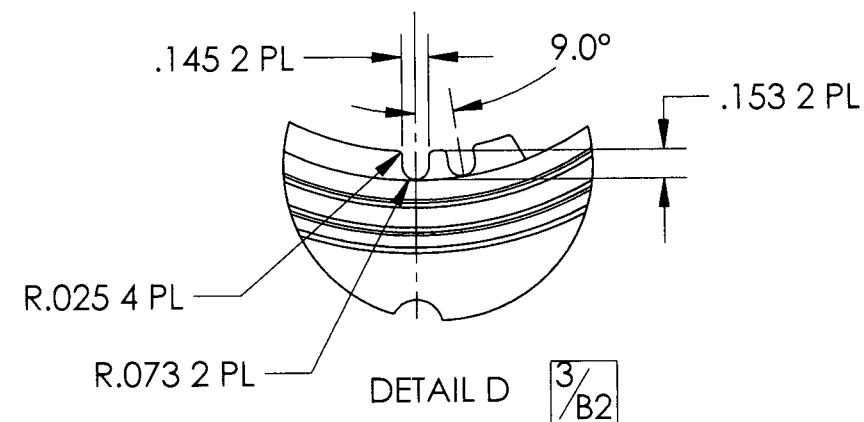
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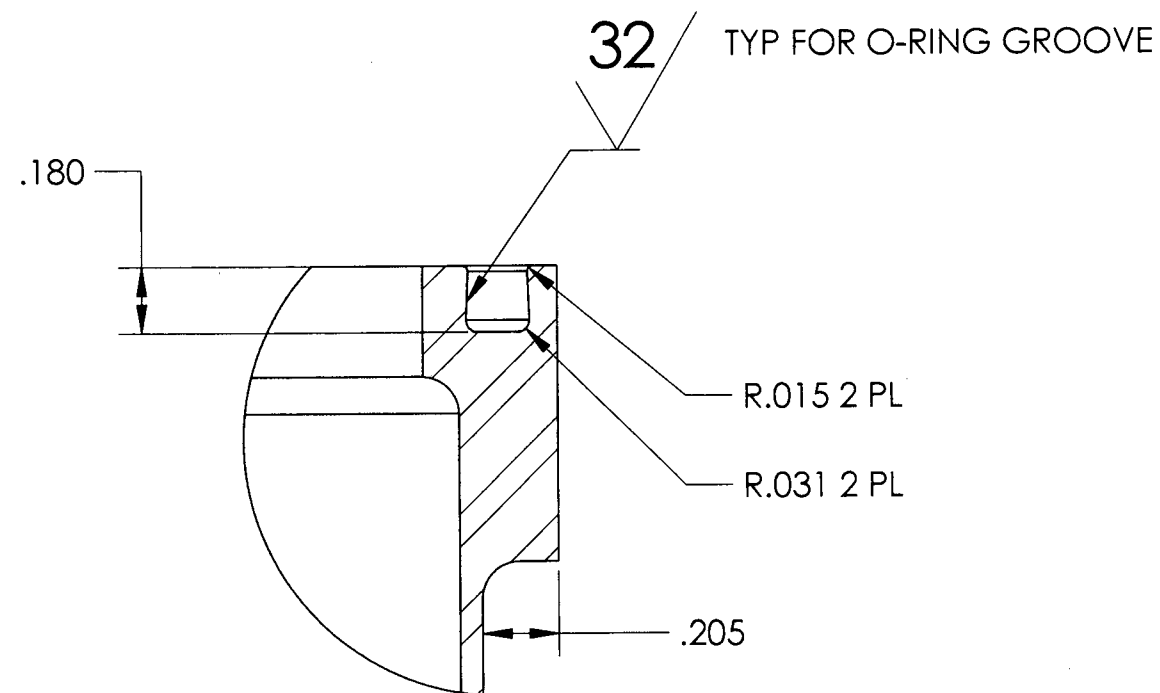
DETAIL C $\frac{3}{B2}$



DETAIL F $\frac{3}{B5}$



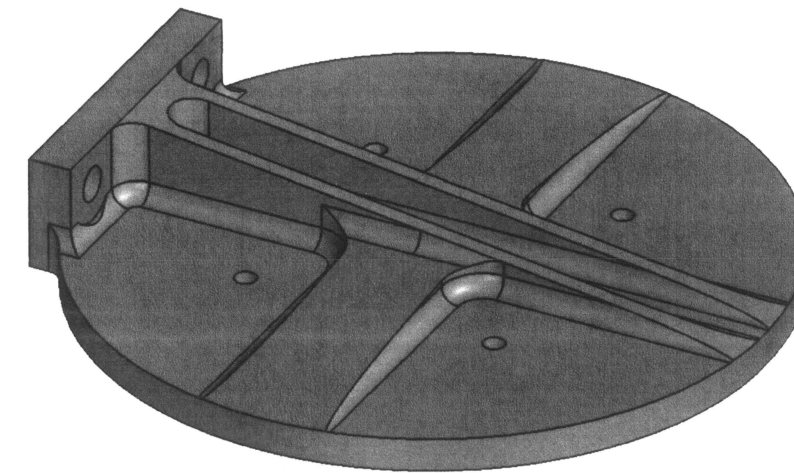
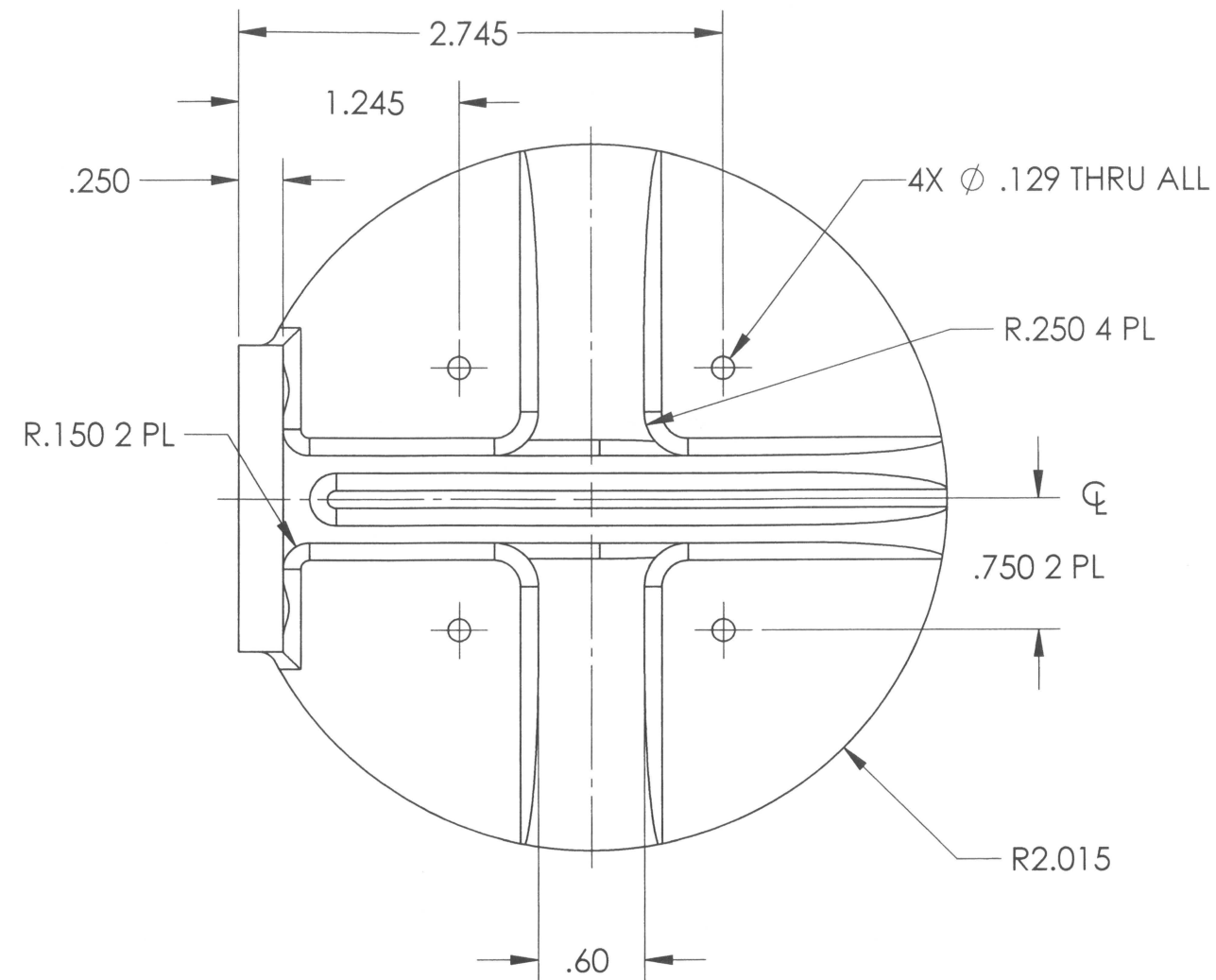
DETAIL D $\frac{3}{B2}$



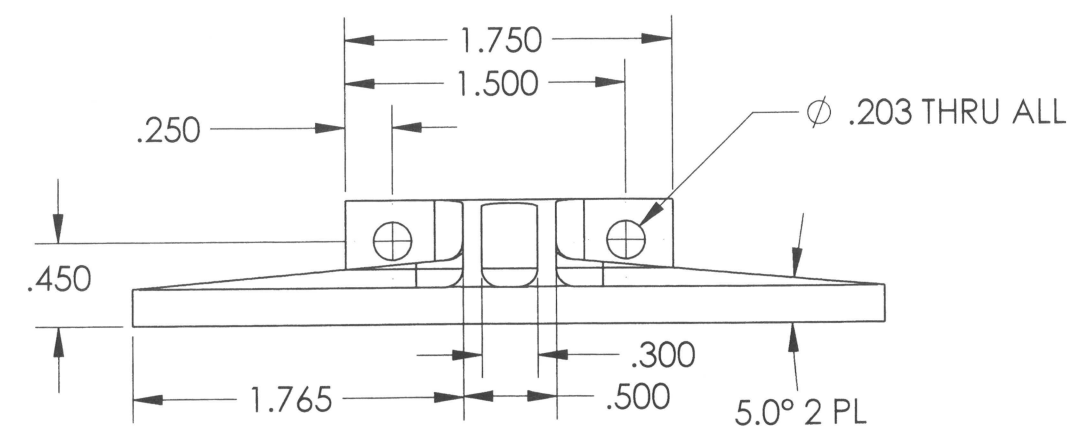
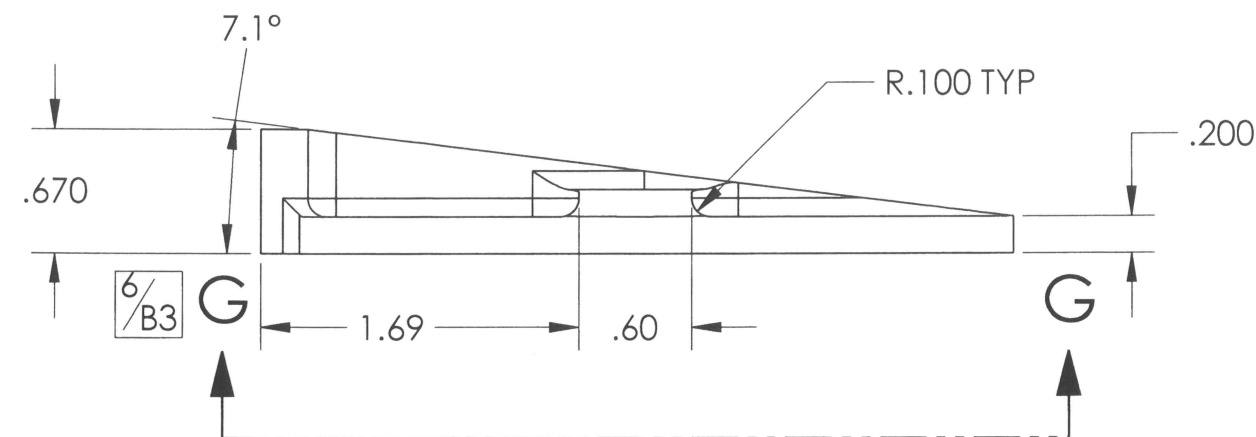
DETAIL E $\frac{3}{B5}$

ORIGINAL DATE (MO-DA-YR) 03-28-12		APICAL INDUSTRIES	
DRAWN BY J. GARDINER	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 03-28-12		ADAPTER, FUEL, ANTI SIPHONING	
CONTRACT NO.		SIZE B	REV. N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		CAGE CODE 07MZ6	DWG. NO. 649.6000
SCALE NONE		SHEET 4 OF 7	

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649.6011



ORIGINAL DATE
(MO-DA-YR) 03-28-12
DRAWN BY J. GARDINER
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO
CONTRACT No.

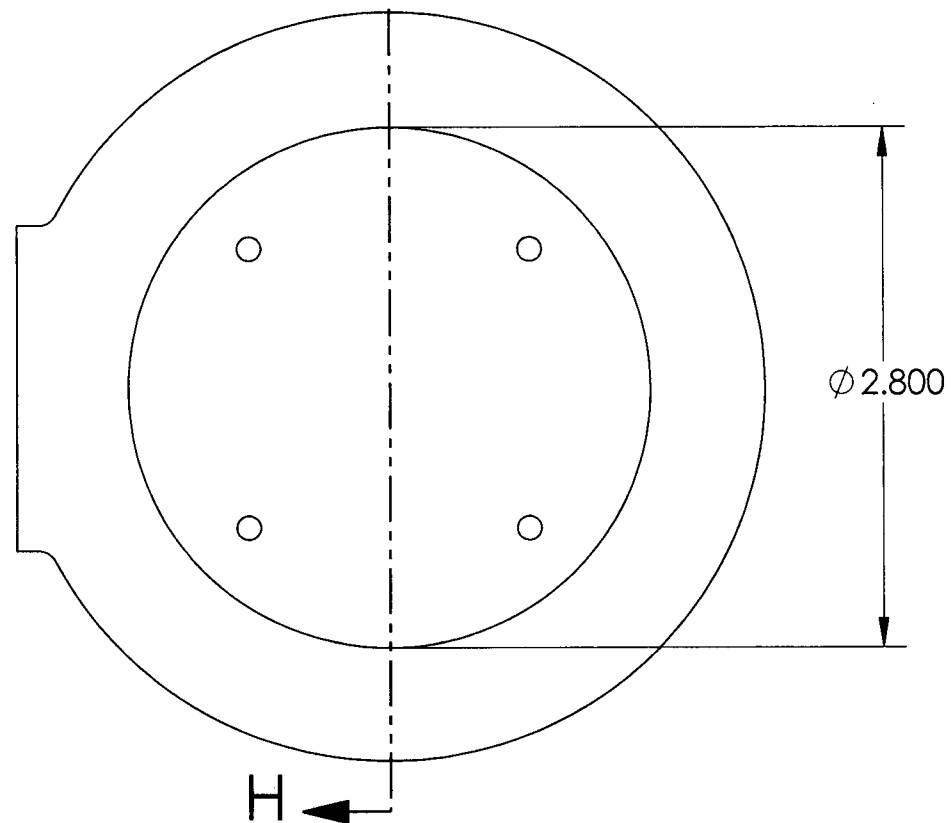
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

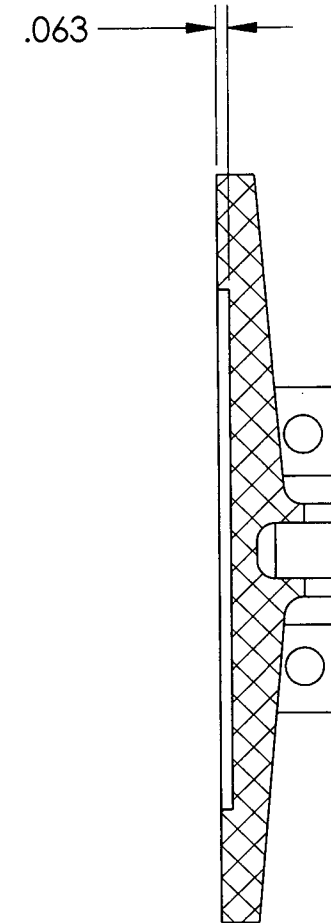
ADAPTER, FUEL, ANTI SIPHONING

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	649.6000	N/C
SCALE NONE			SHEET 5 OF 7

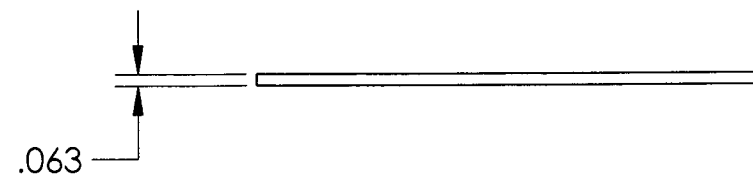
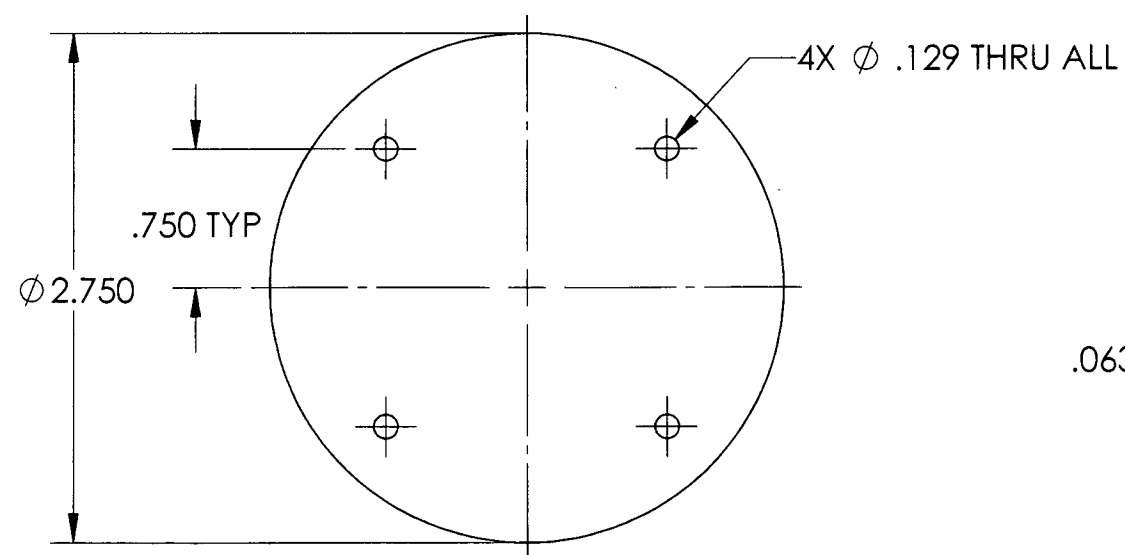
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SECTION G-G $\frac{5}{D2}$



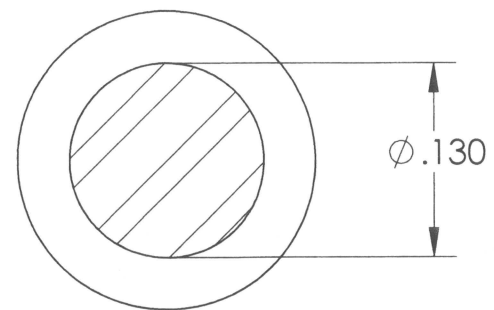
SECTION H-H



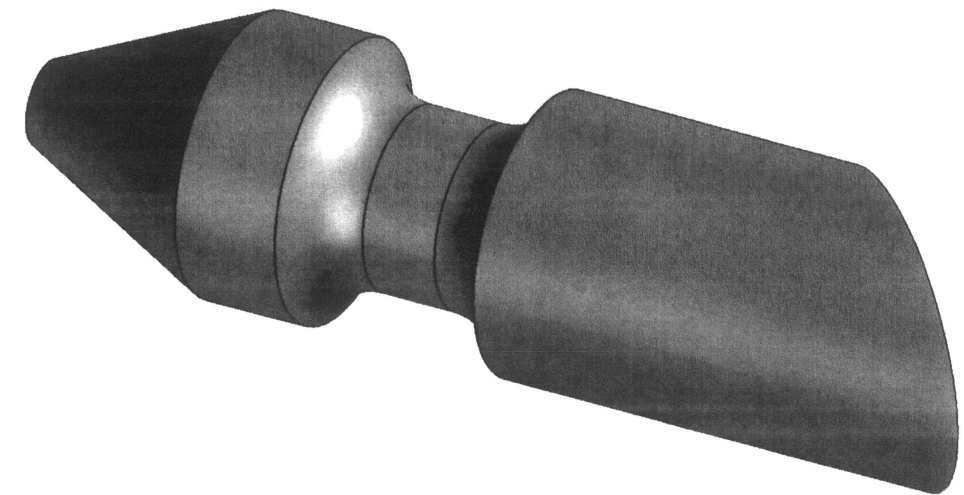
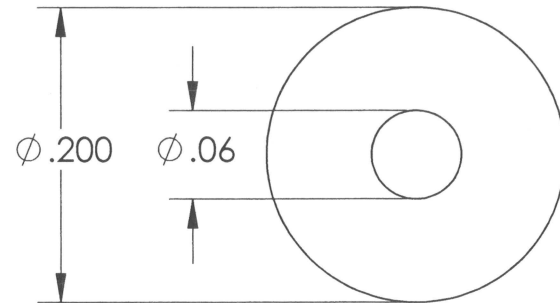
649.6013

ORIGINAL DATE (MO-DA-YR) 03-28-12		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 03-28-12		ADAPTER, FUEL, ANTI SIPHONING	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. N/C
		CAGE CODE 07MZ6	DWG. NO. 649.6000
		SCALE NONE SHEET 6 OF 7	

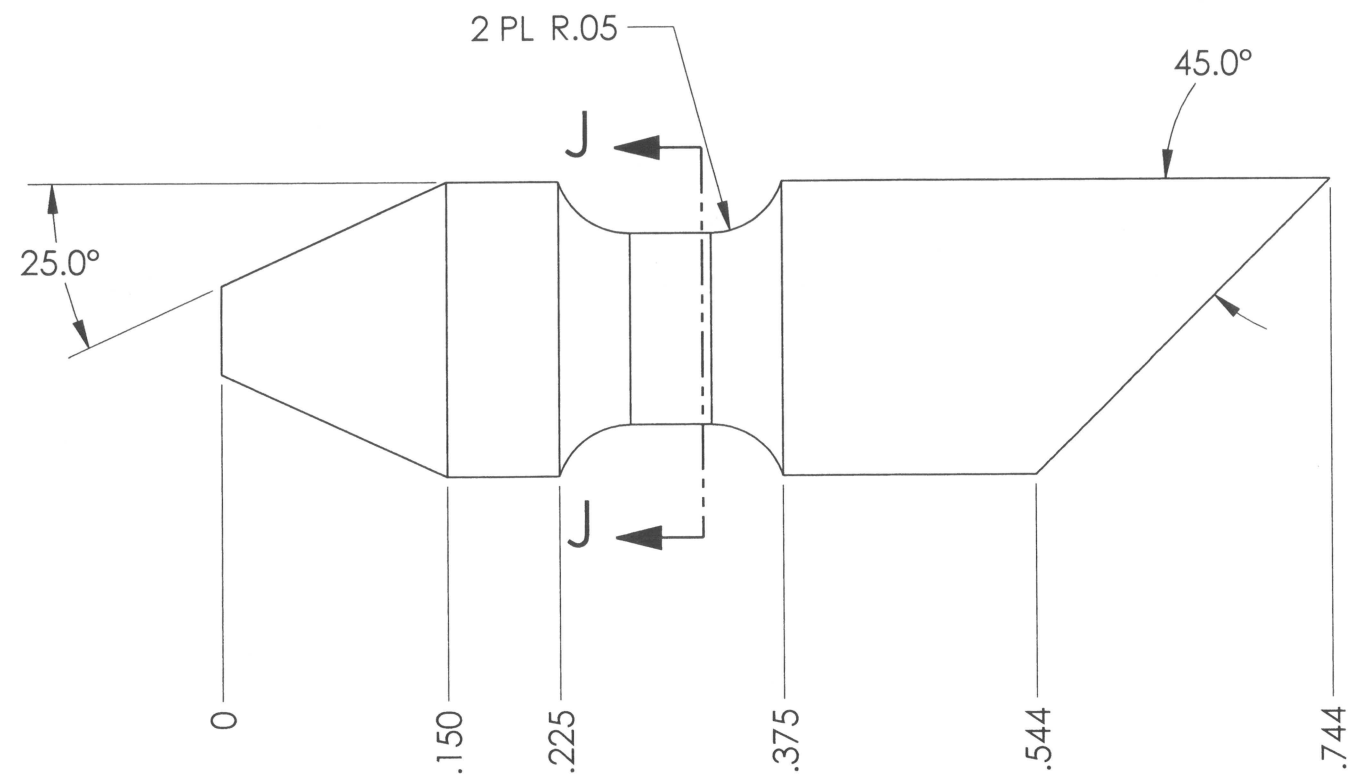
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SECTION J-J



649.6013



ORIGINAL DATE
(MO-DA-YR) 03-28-12
DRAWN BY J. GARDINER
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO
03-28-12
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS $\pm .01$
3 PLACE DECIMALS $\pm .005$
ANGLES $\pm .5^\circ$

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

ADAPTER, FUEL, ANTI SIPHONING

SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.6000	REV. N/C
SCALE NONE			SHEET 7 OF 7